

Cumulative Human Summary by City/Town - 2003

Massachusetts Arbovirus Surveillance--Humans

Last updated: May 14, 2007

Eighteen locally acquired human cases of WNV infection, including one fatality, were identified from 2003, plus one imported case in a New York state resident attending school in Massachusetts. Two of the locally acquired human cases were identified in 2004, but were likely to have been infected during the 2003 season. Human cases came from 16 towns in 7 counties. The average age of the cases was 49 years with a range of 6-81 years. 58% of the cases were male. Onsets ranged from 8/1/03-9/29/03. Fourteen of the cases required hospitalization and there was one fatality. One of the cases was the first WNV case in Massachusetts to be identified through the national blood donor-screening program introduced in 2003.

City or Town	Age Range	Onset Date	Virus Result	Clinical Presentation
Arlington	under 18	9/10/2003	WNV	Meningoencephalitis
Boston	25-44	9/29/2003	WNV	Meningitis
Brookline	65-84	9/13/2003	WNV	Encephalitis
Chicopee	45-64	9/13/2003	WNV	Meningitis
Fitchburg	18-24	9/1/2003	WNV	Meningoencephalitis
Medford	45-64	8/1/2003	WNV	Meningoencephalitis
Newton	45-64	9/4/2003	WNV	Meningoencephalitis
Somerset	65-84	9/13/2003	WNV	Meningitis
Swansea	45-64	8/23/2003	WNV	West Nile fever
Uxbridge	25-44	9/21/2003	WNV	West Nile fever
Watertown	65-84	8/30/2003	WNV	Meningoencephalitis
Westboro	65-84	9/4/2003	WNV	Encephalitis
Weymouth	25-44	9/3/2003	WNV	Meningitis
Woburn	65-84	9/10/2003	WNV	Meningoencephalitis
Worcester	25-44	9/4/2003	WNV	West Nile fever
Worcester	65-84	9/9/2003	WNV	West Nile fever
Out of State	Under 18	9/8/2003	WNV	West Nile fever
Amherst*	25-44	9/25/2003	WNV	Meningoencephalitis
Amherst	45-64	9/18/2003	WNV	West Nile fever

* Probable Case